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| Application Number | 10/633,165 |
| Filing Date | August 1, 2003 |
| First Named Inventor | Vishnu K. Agarwal |
| Art Unit | 2812 |
| Examiner Name | |
| Attorney Docket Number | MIO 0086 NA/40509.256 |

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| Sheet | 1 | of | 1 |
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U. S. PATENT DOCUMENTS

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| Examiner Signature |  | Date Considered | 3/18/05 |
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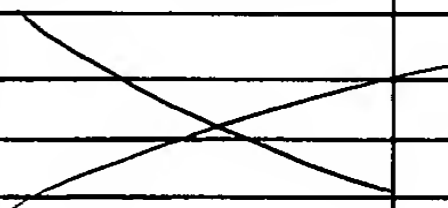
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| Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | Complete if Known | |
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| | | Examiner Name | |
| Sheet 1 of 2 | Attorney Docket Number | MIO 0086 NA/40509.256 | |

| U. S. PATENT DOCUMENTS | | | | | |
|------------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| CAL | | US- 5,368,686 | 11/29/1994 | Tatsumi et al. | |
| | | US- 5,597,756 | 01/28/1997 | Fazan et al. | |
| | | US- 5,776,823 | 07/07/1998 | Agnello et al. | |
| | | US- 5,891,784 | 04/23/1999 | Cheung et al. | |
| | | US- 5,940,315 | 08/17/1999 | Cowles | |
| | | US- 5,989,959 | 11/23/1999 | Araki | |
| | | US- 6,043,562 | 03/28/2000 | Keeth | |
| | | US- 6,063,704 | 05/16/2000 | Demirilioglu | |
| | | US- 6,072,223 | 06/06/2000 | Noble | |
| | | US- 6,075,274 | 06/13/2000 | Wu et al. | |
| | | US- 6,090,660 | 07/18/2000 | Noble, Jr. | |
| | | US- 6,097,049 | 08/01/2000 | Goebel et al. | |
| | | US- 6,107,145 | 08/22/2000 | Dennison et al. | |
| | | US- 6,121,125 | 09/19/2000 | Lee | |
| | | US- 6,165,883 | 12/26/2000 | Hiura | |
| | | US- 6,232,209 | 05/15/2001 | Fujiwara et al. | |
| | | US- 6,245,605 | 06/12/2001 | Hwang et al. | |
| CAL | | US- 6,268,622 | 07/31/2001 | Shone et al. | |
| | | US- 6,320,246 | 11/20/2001 | Gilton | |

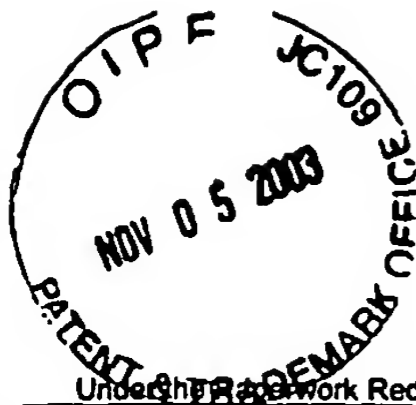
| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|--------------------------------|---|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| CAL | | JP361208850A | 09/1986 | Kotani |  | |
| CAL | | JP363156341A | 06/1988 | Hoshino | | |
| CAL | | JP363114236A | 05/1988 | Kurita et al. | | |
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| | | Number-Kind Code ² (if known) | | | |
| CPL ↓ | | US- 6,344,364 | 02/05/2002 | Gilton | |
| | | US- 6,348,405 | 02/19/2002 | Ohuchi | |
| | | US- 6,355,524 | 03/12/2002 | Tuan et al. | |
| | | US- 6,379,981 | 04/30/2002 | Gilton | |
| | | US- 6,429,109 | 08/06/2002 | Zheng et al. | |
| CPL | | US- 6,458,646 | 10/01/2002 | Divakaruni et al. | |
| | | US- | | | |
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FOREIGN PATENT DOCUMENTS

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